

## SAFETY DATA SHEET

SDS-0008

Dialite® Intra-Oral Porcelain Polishing Paste

Date Issued: SEP/22/2015  
EDCO 15.0038 REV A

## 1 – IDENTIFICATION

Product Identifier	Trade Name	Product Identifier Number (REF)
DPP4M	Dialite® Intra-Oral Porcelain Polishing Paste	5023945U0

<b>Product Use</b>	Diamond paste for intra- and extra oral mirror finish
<b>Restrictions on Use</b>	For dental use only.
<b>Supplier</b>	Brasseler U.S.A. Dental, LLC One Brasseler Boulevard Savannah, Georgia 31419, USA Tel: 1-800-841-4522
<b>Emergency Contact</b>	<b>For Chemical Emergency ONLY (spill, leak, fire, exposure, or accident) call: CHEMTREC</b> Tel: 1-800-262-8200 (USA) +1 703-741-5500 (International)

## 2 – HAZARDS IDENTIFICATION

<b>Classification of the substance or mixture</b>	EUH208
<b>Label Elements</b>	Classification according to 1272/2008/EC: Yes Applicable Exemptions: No Signal word(s): Not applicable Hazard pictogram(s): N/A Component(s): N/A H - Phrases: N/A P - Phrases: P280: Wear protective gloves/protective clothing/eye protection/face protection. Additional Markings: EUH208: Contains Vanillin. May produce an allergic reaction. The above mentioned labelling is valid for distribution to industrial user.
<b>Other Hazard</b>	Handle in accordance with good industrial hygiene and safety practice. May cause eye irritation with susceptible persons.

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## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substances	Not applicable
<b>Mixtures</b>	Chemical Characterisation: Mixture
<b>Dangerous Ingredients:</b>	<p>Sodium dodecyl sulphate CAS - No. 151-21-3 EC - No. 205-788-1 REACH - No. 01-2119489461-32-xxxx H – phrases Acute Tox. 4 H302 / H312 / H332 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT SE 3 H335 Aquatic Chronic 2 H411 m% - range: 0.1 - 1%</p> <p>Vanillin CAS - No. 121-33-5 EC - No. 204-465-2 REACH - No.: Not available H – phrases Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 STOT SE 3 H3351 m% - range: 0.1 - 1%</p> <p>Text of H - phrases: see section 16</p>

## 4 – FIRST AID MEASURES

Route of Exposure	First Aid Treatment
<b>Inhalation</b>	<ul style="list-style-type: none"> <li>Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.</li> </ul>
<b>Skin Contact</b>	<ul style="list-style-type: none"> <li>Wash off with warm water and soap.</li> <li>In the case of skin irritation or allergic reactions see a physician.</li> </ul>
<b>Eye Contact</b>	<ul style="list-style-type: none"> <li>In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.</li> </ul>
<b>Ingestion</b>	<ul style="list-style-type: none"> <li>Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting.</li> <li>Consult a physician for severe cases. Show this safety data sheet to the doctor in attendance.</li> </ul>
<b>Most important symptoms and effects, both acute and delayed</b>	<ul style="list-style-type: none"> <li>None known</li> </ul>
<b>Indication of any immediate medical attention and special treatment needed</b>	<ul style="list-style-type: none"> <li>Treat symptomatically.</li> </ul>

## 5 – FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	<ul style="list-style-type: none"> <li>Use dry chemical, CO2, water spray or "alcohol" foam.</li> </ul>
<b>Extinguishing Media to Avoid</b>	<ul style="list-style-type: none"> <li>High volume water jet.</li> </ul>
<b>Special hazards arising from the substance or mixture</b>	<ul style="list-style-type: none"> <li>In the event of fire the following can be released: Carbon oxides, sulphur oxides.</li> </ul>
<b>Special Protective Actions Equipment and Precautions for Fire-Fighters</b>	<ul style="list-style-type: none"> <li>Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.</li> </ul>
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.</li> </ul>



## 6 – ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures</b>	<ul style="list-style-type: none"> <li>See chapter 8.2.2</li> </ul>
<b>Environmental precautions</b>	<ul style="list-style-type: none"> <li>Do not contaminate water. Do not let product enter drains.</li> <li>Local authorities should be advised if significant spillages cannot be contained.</li> </ul>
<b>Methods and material for containment and cleaning up</b>	<ul style="list-style-type: none"> <li>Use mechanical handling equipment. Keep in suitable, closed containers for disposal.</li> </ul>
<b>Reference to other sections</b>	<ul style="list-style-type: none"> <li>None.</li> </ul>

## 7 – HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	<ul style="list-style-type: none"> <li>Avoid contact with eyes. When using, do not eat, drink or smoke.</li> <li>Take off all contaminated clothing immediately.</li> <li>Wash hands before breaks and at the end of workday.</li> </ul>
<b>Precautions in Case of Fire and Explosion</b>	<ul style="list-style-type: none"> <li>Normal measures for preventive fire protection.</li> </ul>
<b>Conditions for safe storage, including any incompatibilities</b>	<ul style="list-style-type: none"> <li>Storage Instructions: <ul style="list-style-type: none"> <li>Keep container tightly closed in a dry and well-ventilated place.</li> </ul> </li> <li>Store away from: <ul style="list-style-type: none"> <li>Do not store together with strong oxidizing agents.</li> </ul> </li> <li>Further Information on Storage Conditions: <ul style="list-style-type: none"> <li>None.</li> </ul> </li> <li>Specific end use(s) <ul style="list-style-type: none"> <li>No information available.</li> </ul> </li> </ul>

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Control parameters</b>	<ul style="list-style-type: none"> <li>Material: N/A</li> <li>Limit Value: N/A</li> </ul>	
<b>Appropriate engineering controls</b>	<ul style="list-style-type: none"> <li>Ensure adequate ventilation.</li> </ul>	
<b>Special Storage and Handling Precautions</b>	<b>Eye / Face Protection</b> 	<ul style="list-style-type: none"> <li>If splashes are likely to occur, wear Safety Glasses</li> </ul>
	<b>Hand Protection</b> 	<ul style="list-style-type: none"> <li>Not required under normal use</li> <li>Prolonged exposure: Protective gloves complying with EN 374.</li> <li>The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.</li> <li>Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.</li> </ul>
	<b>Respiratory Protection</b>	<ul style="list-style-type: none"> <li>Not required under normal use</li> </ul>
	<b>Skin Protection</b>	<ul style="list-style-type: none"> <li>None</li> </ul>
	<b>Ventilation</b>	<ul style="list-style-type: none"> <li>Ensure adequate ventilation</li> </ul>
	<b>Further Information</b>	<ul style="list-style-type: none"> <li>Observe wearing time limits</li> </ul>
<b>Environmental exposure controls</b>	<ul style="list-style-type: none"> <li>No information available.</li> </ul>	

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Yellow paste	<b>Auto-flammability (EEC A16)</b>	None
<b>Odour</b>	Pleasant	<b>Oxidising properties</b>	No
<b>Odour Threshold</b>	Not available	<b>Explosion hazard</b>	No
<b>pH, undiluted</b>	Not applicable	<b>Relative Density</b>	Not available
<b>pH-value, 1% aqueous solution</b>	Not available	<b>Explosion limits (Vol.%) lower and upper</b>	Not available
<b>Boiling Point and Boiling Range</b>	Not available	<b>Vapour pressure and Vapour density (Air = 1)</b>	Not available
<b>Melting Point and Melting range</b>	Not available	<b>Density (g/ml)</b>	Not available
<b>Flash Point</b>	Not applicable, closed cup.	<b>Solubility (in Water)</b>	Slightly soluble
<b>Flammability (EEC A10/A13)</b>	No	<b>Partition coefficient, n-Octanol / Water</b>	Not available
<b>Ignition temperature (°C)</b>	Not available	<b>Viscosity</b>	Not available
<b>Solvent content (m %)</b>	Not relevant	<b>Thermal decomposition (°C)</b>	Not available
<b>Evaporation rate</b>	Not available	<b>Other information</b>	Not available

**10 – STABILITY AND REACTIVITY**

<b>Reactivity</b>	<ul style="list-style-type: none"> <li>None.</li> </ul>
<b>Chemical Stability</b>	<ul style="list-style-type: none"> <li>Stable under recommended storage conditions.</li> </ul>
<b>Possibility of Hazardous Reactions</b>	<ul style="list-style-type: none"> <li>No dangerous reaction known under conditions of normal use.</li> </ul>
<b>Conditions To Avoid</b>	<ul style="list-style-type: none"> <li>No conditions to be specially mentioned.</li> </ul>
<b>Incompatible materials</b>	<ul style="list-style-type: none"> <li>Incompatible with oxidizing agents.</li> </ul>
<b>Hazardous decomposition products</b>	<ul style="list-style-type: none"> <li>No decomposition if stored and applied as directed.</li> <li>To avoid thermal decomposition, do not overheat.</li> </ul>

**11 – TOXICOLOGICAL INFORMATION**

<b>Information on toxicological effects</b>	<ul style="list-style-type: none"> <li>Acute Health Effects: <ul style="list-style-type: none"> <li>Inhalation: Not available.</li> <li>Ingestion: Not available.</li> <li>Skin Contact: Not available.</li> <li>Skin corrosion / irritation: None.</li> <li>Serious eye damage / irritation: None.</li> <li>Respiratory or skin sensitisation: May cause an allergic skin reaction.</li> </ul> </li> <li>Germ cell mutagenicity: Not available.</li> <li>Carcinogenicity: Not available.</li> <li>Reproductive toxicity: Not available.</li> <li>STOT-single exposure: Not available.</li> <li>STOT-repeated exposure: Not available.</li> <li>Aspiration hazard: Not available.</li> </ul>
<b>Practical Experience</b>	<ul style="list-style-type: none"> <li>Not available.</li> <li>Observations relevant for classification: <ul style="list-style-type: none"> <li>None.</li> </ul> </li> <li>Further Observations: <ul style="list-style-type: none"> <li>None.</li> </ul> </li> <li>Classification of the preparation has been done by calculation in accordance with EEC directives.</li> </ul>

**12 – ECOLOGICAL INFORMATION**

<b>Toxicity</b>	<ul style="list-style-type: none"> <li>We have no quantitative data concerning the ecological effects of this product.</li> </ul>
<b>Persistence and degradability</b>	<ul style="list-style-type: none"> <li>No data is available on the product itself.</li> </ul>
<b>Bio-accumulative potential</b>	<ul style="list-style-type: none"> <li>Not available.</li> </ul>
<b>Mobility in soil</b>	<ul style="list-style-type: none"> <li>Not available.</li> </ul>
<b>Results of PBT and vPvB assessment</b>	<ul style="list-style-type: none"> <li>Not available.</li> </ul>
<b>Other adverse effects</b>	<ul style="list-style-type: none"> <li>COD-Value, mg/g: Not available</li> <li>BOD5-Value, mg/g: Not available.</li> <li>AOX-Remarks: Not applicable.</li> <li>Significant Components: None.</li> <li>Other adverse effects: Not applicable.</li> </ul>

**13 – DISPOSAL CONSIDERATIONS**

<b>Waste treatment methods</b>	<ul style="list-style-type: none"> <li>Recommendation: <ul style="list-style-type: none"> <li>Waste - Code - No.: N/A</li> <li>The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.</li> </ul> </li> <li>In addition comply with the regional authorities.</li> </ul>
<b>Contaminated Packaging</b>	<ul style="list-style-type: none"> <li>Recommendation: <ul style="list-style-type: none"> <li>Wash with suitable cleaner. Otherwise as described under Residues.</li> </ul> </li> <li>Safe Handling: <ul style="list-style-type: none"> <li>As described under Residues. Handle in accordance with good industrial hygiene and safety practice.</li> </ul> </li> </ul>

**14 – TRANSPORT INFORMATION**

<b>DOT, ADR, IMDG, IATA restrictions</b>	<ul style="list-style-type: none"> <li>Not a dangerous substance as defined in these regulations.</li> </ul>
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**15 – REGULATORY INFORMATION**

<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	<ul style="list-style-type: none"> <li>Not available</li> </ul>
<b>Chemical safety assessment</b>	<ul style="list-style-type: none"> <li>Not applicable</li> </ul>

**16 – OTHER INFORMATION**

<b>Date of Preparation</b>	SEP/16/2015
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<b>Text of H phases mentioned in Section 3</b>	<ul style="list-style-type: none"> <li>H302: Harmful if swallowed.</li> <li>H312: Harmful in contact with skin.</li> <li>H315: Causes skin irritation.</li> <li>H317: May cause an allergic skin reaction.</li> <li>H318: Causes serious eye damage.</li> <li>H319: Causes serious eye irritation.</li> <li>H332: Harmful if inhaled.</li> <li>H335: May cause respiratory irritation.</li> <li>H411: Toxic to aquatic life with long lasting effects.</li> </ul>
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This datasheet has been compiled in accordance with EU regulation 2015/830.
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This product should be used according to manufacturer's directions. Safety precautions presented above may not be adequate for all individuals or situations. Inexperienced product users should obtain proper training before using or handling this product. Users have the responsibility to comply with all laws and procedures applicable to the products' safe handling and use, determine the suitability of the product for its intended use, and understand possible hazards associated with mixing this product with other materials. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. The supplier and/or manufacturer of this product shall not be held liable for damage resulting from handling, misuse or from contact with this product.